petitions for a one month extension of time, up to and including March 29, 2003 to respond to the Final Office action. Please charge the $110.00 extension of time fee to our Deposit Account No. 16-0820, Order No. 32973.

Applicant respectfully requests entry of the following amendment. In light of this Response, further consideration of this Application is respectfully requested.

Applicant respectfully requests that the above-identified patent application be amended as follows.

In the Claims

Please cancel claim 37 without prejudice.

Please amend claims 1, 9, 18-23, 25, 30, 31, 35 and 38-42 to read as follows.

1   1. (Twice Amended) A computer system for performing Internet based testing comprising:

2   a central processing site comprising a web server and a database for storing an

3   examination content; and

4   at least one client computer including a web browser, the web browser communicating

5   with the web server via the Internet for beginning an examination session, retrieving and

6   displaying the examination content, and responding to the examination content;

7   the web browser automatically providing, to the web server at a predefined interval

8   during the examination session, a request regarding to a candidate who is accessing the

9   examination content via the web browser;

10   the web server automatically recording, in response to the request from the web

11   browser, a current state of the examination session of the candidate at the predefined interval

12   during the examination session in a unique file, the unique file being allocated to the candidate

13   in each examination session, the current state of the examination session of the candidate

14   including a question in the examination content, which is provided to the candidate from the

15   web server through the web browser, and an answer to the question, which is provided by

16   the candidate to the web server through the web browser.

1   9. (Twice Amended) A method of administering Internet based testing on a client computer,

2   examination content being provided from a web server, the method comprising the steps of:

3   logging in a candidate who accesses a client computer with a web browser;

4   beginning an examination session on the client computer, the candidate accessing the

5   examination content through the web browser;

6   retrieving and displaying the examination content from the web server on the client

7   computer and responding to the examination content from the web browser to the web server;

8   and

9   automatically communicating between the web browser and the web server to record

10   a current state of the examination session of the candidate during the examination session at

11   the predefined interval in a unique file, the unique file being allocated to the candidate in each

12   examination session, the current state of the examination session of the candidate including a

13   question in the examination content, which is provided to the candidate from the web server

14   through the web browser, and an answer to the question, which is provided by the candidate to

15   the web server through the web browser.

1   18. (Twice Amended) Computer executable software code stored on a computer readable

2   medium, the code for administering a computer based examination having examination

3   content, the code comprising:

4   code to inquire of a web server whether a candidate who accesses a computer with a

5   web browser is allowed to access an examination content;

6   code to begin an examination session;

7   code to retrieve and display an examination content transmitted from the web server to

8   the web browser;

9   code to update, on the web browser, a cookie during the examination session at a

10   predefined interval, the cookie including a current state of the examination session of the

11   candidate, the current state of the examination session of the candidate including a question in

12   the examination content, which is provided to the candidate from the web server through the

13   web browser, and an answer to the question, which is provided by the candidate to the web

14   server through the web browser;

15   code to recode the cookie into a unique file allocated to the candidate; and

16   code to transmit a request from the web browser to the web server at the predefined

17   interval, the request including the current state of the examination session of the candidate.

1   19. (Twice Amended) Computer executable software code stored on a computer readable

2   medium, the code for administering a computer based examination having examination

3   content, the code comprising:

4   code to transmit an examination content from a web server to a web browser, a

5   candidate accessing a computer with the web browser;

3

6   code to receive a request from the web browser on the web server during the

7   examination session at a predefined interval, the request including a cookie having a current

8   state of the examination session of the candidate;

9   code to return a response from the web server to the web browser indicating the

10   currently displayed content should not be changed; and

11   code to record the current state of the examination session of the candidate in a unique

12   file on the web server at the predefined interval, the unique file being allocated to the candidate

13   in each examination session, the current state of the examination session of the candidate

14   including a question in the examination content, which is provided to the candidate from the

15   web server through the web browser, and an answer to the question, which is provided by the

16   candidate to the web server through the web browser.

1   20. (Twice Amended) A programmed computer for administering a computer based

2   examination having examination content, the programmed computer comprising:

3   a memory having at least one region for storing computer executable program code;

4   and

5   a processor for executing the program code stored in the memory, the code comprising:

6   code to inquire of a web server whether a candidate who accesses a computer with the

7   web browser is allowed to access an examination content;

8   code to begin an examination session;

9   code to update, on the web browser, a cookie during the examination session at a

10   predefined interval, the cookie including a current state of the examination session of the

11   candidate, the current state of the examination session of the candidate including a question in

12   the examination content, which is provided to the candidate from the web server through the

13   web browser, and an answer to the question, which is provided by the candidate to the web

14   server through the web browser;

15   code to recode the cookie into a unique file allocated to the candidate; and

16   code to transmit a request from the web browser to the web server at the predefined

17   interval, the request including the current state of the examination session of the candidate.

1   21. (Twice Amended) A programmed computer for administering a computer based

2   examination having examination content, the programmed computer comprising:

3   a memory having at least one region for storing computer executable program code;

4   and

5   a processor for executing the program code stored in the memory, the code comprising:

6   code to transmit an examination content from a web server to a web browser, a

7   candidate accessing a computer with the web browser;

8   code to receive a request from the web browser on the web server during the

9   examination session at a predefined interval, the request including a cookie having a current

10 state of the examination session of the candidate, the current state of the examination session

11 of the candidate including a question in the examination content, which is provided to the

12 candidate from the web server through the web browser, and an answer to the question, which

13 is provided by the candidate to the web server through the web browser;

14   code to return a response from the web server to the web browser indicating the

15 currently displayed content should not be changed; and

16   code to record the current state of the examination session of the candidate in a unique

17 file on the web server at the predefined interval, the unique file being allocated to the candidate

18 in each examination session.

1   22. (Twice Amended) A computer readable medium having computer executable software code

2   stored thereon, the code for administering a computer based examination having an

3   examination content comprising:

4   code to inquire of a web server whether a candidate who accesses a computer with the

5   web browser is allowed to access an examination content;

6   code to begin an examination session;

7   code to retrieve and display an examination content transmitted from the web server to

8   the web browser;

9   code to update, on the web browser, a cookie during the examination session at a

10 predefined interval, the cookie including a current state of the examination session of the

11 candidate, the current state of the examination session of the candidate including a question in

12 the examination content, which is provided to the candidate from the web server through the

13 web browser, and an answer to the question, which is provided by the candidate to the web

14 server through the web browser;

15   code to recode the cookie into a unique file allocated to the candidate; and

16 code to transmit a request from the web browser to the web server at the predefined interval,

17 the request including the current state of the examination session of the candidate.

1   23. (Twice Amended) A computer readable medium having computer executable software code

2   stored thereon, the code for administering a computer based examination having an

3   examination content comprising:

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4   code to transmit an examination content from a web server to a web browser, a

5 candidate accessing a computer with the web browser;

6   code to receive a request from the web browser on the web server during the

7 examination session at a predefined interval, the request including a cookie having a current

8 state of the examination session of the candidate;

9   code to return a response from the web server to the web browser indicating the

10 currently displayed content should not be changed; and

11   code to record the current state of the examination session of the candidate in a unique

12 file on the web server at the predefined interval, the unique file being allocated to the candidate

13 in each examination session, the current state of the examination session of the candidate

14 including a question in the examination content, which is provided to the candidate from the

15 web server through the web browser, and an answer to the question, which is provided by the

16 candidate to the web server through the web browser.

1 25. (Twice Amended) A method of providing an examination content, the method

2 comprising the steps of:

3   providing an examination content from a web server to a web browser, a candidate

4 accessing a computer with the web browser;

5   administering the web browser;

6   receiving an answer from the candidate on the web server;

7   evaluating an ability of the candidate based on the answer on the web server;

8   selecting a next examination content for the candidate based on the evaluation on the

9 web server during the examination session; and

10   assigning to the candidate a new examination content.

1 30. (Amended) The method of claim 9 further comprising the step of monitoring, on the web

2 server, traffics so as to allow only legitimate transactions.

1 31. (Amended) The method of claim 9 further comprising the step of establishing a virtual

2 private network (VPN) between a central processing site with the web server and the client

3 computer.

1 35. (Amended) The method of claim 34 further comprising the step of recovering the

2 examination session of the candidate using the log file and the unique file allocated to the

3 candidate.

1 38. (Amended) A method of claim 9, further comprising the steps of:

2   receiving an identification code of the candidate from the web browser on the web

3 server when the candidate logs on the client computer; and

4   determining on the web server whether the candidate is allowed to enter the

5 examination session.

1 39. (Amended) A method of claim 9, further comprising the steps of:

2   providing the examination content to the web browser in a first language among a

3 plurality of languages;

4   selecting a second language among the languages; and

5   regenerating a current examination session in the second language using the unique file

6 when the candidate selects the second language during the examination session.

1 40. (Amended) A method of providing a user interface to a user for taking a computer based

2 examination, a server providing an examination content, the method comprising the step of:

3   listing a number of a question on a first frame of a display based on an examination

4 content, the examination content including the question being provided from a server through

5 a network;

6   displaying the question on a second frame of the display based on the examination

7 content;

8   providing a user activable first button for a calculator on the first frame, the first button

9 enabling the calculator to be activated; and

10   providing a user activable second button for a clock on the first frame to change a clock

11 content, the second button enabling the clock to be adapted to either display real time,

12 examination time elapsed or examination time remaining.

1 41. (Amended) A user interface for providing a computer based examination to a user on a

2 client computer, a server providing an examination content to the client computer through a

3 network, the user interface comprising:

4   a circuit for listing a question identification on a first frame of a display based on an

5 examination content provided by a server through a network;

6   a circuit for displaying a question on a second frame of the display in response to

7 selection of the question identification by a user, the question corresponding to the selected

8 question identification;

9   a circuit for displaying a flag on the question identification in response to selection of the

10 question identification for the flag by the user;

7

11   a circuit for identifying an action of the user who enters an answer to the question; and

12   a circuit for changing a color on the question identification when the user answers the

13   question.

1   42. (Amended) A method of providing a user interface to a user for taking a computer based

2   examination, a server providing an examination content, the method comprising the step of:

3   listing a question identification on a first frame of a display based on an examination

4   content provided by a server through a network;

5   displaying a question on a second frame of the display in response to selection of the

6   question identification by a user, the question corresponding to the selected question

7   identification;

8   displaying a flag on the question identification in response to selection of the question

9   identification for the flag by the user;

10   identifying an action of the user who enters an answer to the question; and

11   changing a color on the question identification when the user answers the question.

Remarks

Applicant thanks the Examiner for his review and attention to the application.

The Examiner rejected claim 30 under 35 U.S.C. 112, second paragraph, as being indefinite for
failing to particular point out and distinctly claim the subject matter. Applicant has amended
claim 30 to clarify that traffics are monitored on the web server so as to allow only legitimate
transactions. The support of the amendment can be found on page 3, lines 10-12. No new
matter has been introduced by way of the amendment. Applicant respectfully requests entry of
the amendment and reconsideration of the rejection.

The Examiner rejected claims 1-2, 9-10, 25, 29, 33-35, 37 and 39 under 35 U.S.C. 102(e),
stating that these claims are anticipated by Derzay et al. (US Patent No. 6,434,572), hereinafter
referred to as Derzay. The Examiner rejected claims 3-8, 11-16, 17-23, 28, 32,
38 and 40-42 under 35 U.S.C. 103(a) as being unpatentable over Derzay in view of Sonnenfeld
(US Patent No. 6,112,049). The Examiner rejected claims 26, 30 and 36 under 35 U.S.C.
103(a) as being unpatentable over Derzay in view of Bowman-Amuah (US Patent No.
6,332,163).

Applicant has amended claims 1, 9 and 18-23 to recite that a question, which is provided from
the web server to a candidate (user) through the web browser, and an answer, which is

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